

# FIBERS SITE GROUP

February 10, 2016

*Via Email Electronic Copy*

Adalberto Bosque, PhD, MBA, REM, CEA  
Response and Remediation Branch  
U.S Environmental Protection Agency  
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48 RD, 165 Km. 1.2  
Guaynabo, PR 00968-8069

Subject: RD/RA Monthly Report – January 2016  
Fibers Public Supply Wells Site  
Guayama, Puerto Rico

Dear Mr. Bosque:

On behalf of the Fibers Public Supply Wells Site Settling Defendants, we are submitting the attached RD/RA Monthly Report prepared pursuant to the Consent Decree (Civil Action No. 92-2486) in the matter of *Unites States v. Anaquest Caribe, Inc. et al*, Section IX, Paragraph 30, Reporting Requirements.

Please feel free to contact Mr. James Kirschner of ARCADIS at (602) 797-4519 or me at (724) 544-4874 if you have any questions or comments regarding this submittal.

Sincerely,



Joe Biss, CHMM  
Fibers Site Group Project Coordinator  
EHS Support LLC

Copies:

Chief, New York/Caribbean Superfund Branch, Attn. Mel Hauptman- via email only  
Ms. Evelyn Rivera-Ocasio, Assistant Regional Counsel – Caribbean Programs – via email only  
Chief, Environmental Enforcement Division, U.S. Department of Justice (DOJ #90-11-2-768)  
State Remedial Project Manager, Puerto Rico Environmental Quality Board  
Ms. Katherine Mishkin, Hydrogeologist, USEPA Superfund Technical Support Section – via email only  
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Mr. Dan Vineyard, Jackson Walker- via email only  
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RD/RA Monthly Report – January 2016  
Fibers Public Supply Wells Superfund Site  
Guayama, Puerto Rico

**(a) Description of actions which have been taken toward achieving compliance with this Decree.**

Fibers Air Stripping System

The Fibers groundwater extraction and treatment system (GWETS) was operational for approximately 20% of the time during January 2016. The GWETS downtime was caused by failure of the air blower motor on January 4, 2016. Groundwater treatment and discharge resumed on January 29, 2016 following the air blower motor replacement.

A summary of the daily treatment system operating records is presented in Table 1. The GWETS average flow rates are depicted on Figure 1.

The GWETS operated at an average flow rate of 65 gallons per minute (gpm) and treated approximately 2.96 million gallons of water in January 2016. To date (since May 1999), approximately 2.96 billion gallons of water have been treated at the Fibers Site.

**(b) Summary of all sampling results and tests, and all other data received or generated by Settling Defendants.**

The Fibers Site Group received groundwater laboratory analytical data from the second semi-annual groundwater monitoring event of 2015. The validated laboratory analytical data will be submitted with the second semi-annual groundwater monitoring and sampling report for 2015.

Groundwater influent and effluent samples were not collected and analyzed in January 2016 due to GWETS downtime.

**(c) List of all work plans, plans and other deliverables completed and submitted.**

None for this reporting period.

**(d) Description of all actions, including, but not limited to, data collection and implementation of work plans, which are scheduled for the next six weeks.**

The second semi-annual groundwater monitoring and sampling event of 2015 was completed in September 2015. The final laboratory analytical data was received and validated. The second semi-annual groundwater monitoring and sampling report for 2015 will be submitted to the United States Environmental Protection Agency (USEPA) in February 2016.

A Groundwater Extraction and Treatment System Sampling, Analysis and Monitoring Plan was submitted to the USEPA in February 2016. An Operations, Maintenance, and Monitoring Manual is anticipated to be submitted to the USEPA in February 2016.

A Notice of Completion Report, with stamped engineering as-built construction drawings, is anticipated to be submitted to the USEPA in March 2016.

On behalf of Baxter, Environmental Resource Technologies (ERTEC) completed the second phase of the subsurface soil investigation at the Baxter-Guayama facility on the Fibers Site in October 2015. Upon completion of the data validation, a summary of results from ERTEC's Phase 2 subsurface investigation will be included in a subsequent monthly report.

**(e) Information regarding the percentage completion, unresolved delays encountered or anticipated.**

Construction Activities – 100% complete.

System Start-Up – 100% complete.

Start-Up Performance Monitoring – 100% complete.

Long-Term Operation & Maintenance Period – in progress.

**(f) List of any modification to work plans or other schedules the Settling Defendants have proposed.**

None.

**(g) Description of activities undertaken in support of the Community Relations Plan.**

No support activities have been requested for the next planning period.

**(h) Actions undertaken to address outside parties concerns.**

No concerns from outside parties were encountered during this reporting period.

## Table

Table 1  
Summary of Daily Treatment System Operating Records - January 2016  
Fibers Public Supply Wells Superfund Site  
Guayama, Puerto Rico

Recording Date	Influent Flow (gpm) <sup>1</sup>	Effluent Flow (gpm) <sup>2</sup>	RW-2 (gpm) <sup>3</sup>	RW-4 (gpm) <sup>4</sup>	RW-5 (gpm) <sup>5</sup>	pH <sup>6</sup>	Comments
01/01/2016	325	338	120	160	46	8.1	
01/02/2016	327	338	120	160	46	8.1	
01/03/2016	331	336	120	160	46	8.1	
01/04/2016	286	294	106	142	40	8.1	Treatment System Air Blower Motor Failure.
01/05/2016	0	0	0	0	0	8.4	
01/06/2016	0	0	0	0	0	8.8	
01/07/2016	0	0	0	0	0	9.0	
01/08/2016	0	0	0	0	0	8.8	
01/09/2016	0	0	0	0	0	8.7	
01/10/2016	0	0	0	0	0	8.7	
01/11/2016	0	0	0	0	0	8.0	
01/12/2016	0	0	0	0	0	8.0	
01/13/2016	0	0	0	0	0	8.2	
01/14/2016	0	0	0	0	0	8.2	
01/15/2016	0	0	0	0	0	8.2	
01/16/2016	0	0	0	0	0	8.2	
01/17/2016	0	0	0	0	0	8.2	
01/18/2016	0	0	0	0	0	8.2	
01/19/2016	0	0	0	0	0	8.2	
01/20/2016	0	0	0	0	0	8.2	
01/21/2016	0	0	0	0	0	8.1	
01/22/2016	0	0	0	0	0	8.1	
01/23/2016	0	0	0	0	0	8.1	
01/24/2016	0	0	0	0	0	8.1	
01/25/2016	0	0	0	0	0	8.2	
01/26/2016	0	0	0	0	0	8.3	
01/27/2016	0	0	0	0	0	8.5	
01/28/2016	0	0	0	0	0	8.8	
01/29/2016	116	136	43	54	18	8.7	Treatment System Air Blower Motor Replaced; Treatment System Started.
01/30/2016	310	317	115	145	48	8.3	
01/31/2016	305	326	116	144	49	8.3	
<b>Monthly Average</b>	65	67	24	32	10	8.3	

Notes:

Flow rates are 24-hour daily average.

gpm = gallons per minute.

<sup>1</sup> = Recorded from instrument FIT-101.

<sup>2</sup> = Recorded from instrument FIT-301.

<sup>3</sup> = Recorded from instrument RW2 FIT.

<sup>4</sup> = Recorded from instrument RW4 FIT.

<sup>5</sup> = Recorded from instrument RW5 FIT.

<sup>6</sup> = Recorded from instrument pHIT-201A.

**Figure**

**Figure 1**  
**Fibers Public Supply Wells Superfund Site**  
**Summary of Treatment System Flow Rates**

